

Lana Levine

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EDUCATION

Barnard College, Columbia University | New York, NY | *BA Computer Science* Expected May 2025

Selected Coursework:

GPA: 3.57

Fundamentals of Computer Systems, Advanced Programming in C, Data Structures in Java, UI Design

TECHNICAL SKILLS

C, C++, Java, JavaScript, Python, HTML/CSS, Linux/Unix OS, LaTeX, Virtual Machines (Oracle), Docker, SQL, Balsamiq, Figma, UI Design, search engine optimization, Office Suite, Git

RESEARCH & TECHNICAL EXPERIENCE

Columbia Computer Research Facilities | New York, NY | *Systems Management Intern* May 2023-Present

- Configured, racked, documented, and maintained servers intended for university research and graduate data
- Performed IT work, laptop/printer repairs, and AV maintenance in classrooms and conference rooms
- In charge of secure drive removal and disposal, ensured data security
- Created detailed plans of data center groundings with previously unknown location to ensure data security and employee safety; Additionally repaired several of these groundings
- Implemented automations, workflows, and documentation to improve efficiency

Liza Bove Social Work | New York, NY | *SEO Analyst* January 2023 - Present

- Used search engine optimization techniques to increase online engagement in PTSD and OCD treatments and increase interaction with related online content
- Conducted focus groups to understand target audience needs and enhance social media awareness.

New York University | New York, NY | *Research Intern* June – September 2020

- Created a machine-learning program to identify single-layer graphene in photographs using Python to aid in construction of Van der Waals heterostructures

City College of New York | New York, NY | *Research Intern* June – August 2019

- Used photonics machinery and prepared human tissue to study the optical properties of the brain tissue of Alzheimer's patients in relation to orbital angular momentum

PROJECTS

- Created dynamic HTTP web server in C that hosts HTML websites
- Developed an interactive poker game in Java
- Created browser-friendly arcade games in HTML and CSS

MENTORSHIP & LEADERSHIP

Girls Who Code (Columbia Chapter) | New York, NY | *Curriculum Overseer* September 2022 – Present

- Maintained and updated curriculum to teach high school girls Python, HTML, and data structures in weekly sessions

Tutoring | New York, NY | *Tutor* September 2019 – September 2021

- Self-employed tutor of math, physics, and chemistry (specializing in calculus) for students aged 11-17
- Held summer sessions for rising juniors and seniors to teach calculus basics outside of class